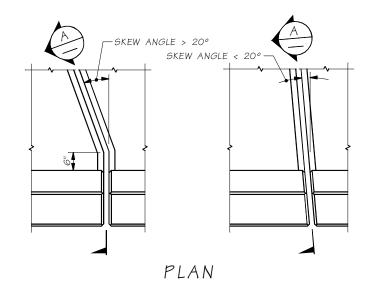
STANDARD ANCHORAGE USE FOR NORMAL TRAFFIC VOLUME EXTEND SLAB STEEL INTO THE BLOCKOUT

STEEL SHAPE

P 1/2 x 21/2 x 8

WITH #5 BENT BARS

AS SHOWN AT 1'-6" O.C.



EXPANSION JOINT

SECTION

FOR STRIP SEAL

"F" SHAPE BARRIER

SPLIT STEEL SHAPE

AT TRAFFIC BARRIER

STRIP SEAL SPECIAL ANCHORAGE

14"Ø AIR RELIEF HOLES @ 1'-0" O.C. (TYP.)-

#4 CONT. \*

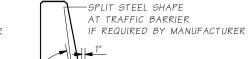
USE FOR HIGH TRAFFIC VOLUME REQUIRES 9" x 1'-0" MIN. BLOCKOUT EXTEND SLAB STEEL INTO THE BLOCKOUT EXTEND BLOCKOUT TO EDGE OF DECK

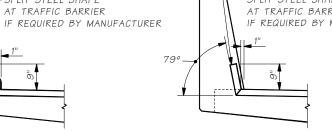
\* PLACED AFTER EXPANSION JOINT IS IN POSITION. THREAD INTO PLACE FROM THE ENDS.

## STEEL SHAPE TYPES

MANUFACTURER	ITEM NAME	T. S.			- W	Y 1				
		TYPE	5	T	TYPE	V	W	TYPE	Χ	Υ
D. S. BROWN	DSB STRIP SEAL	SSCM2	11/4"	33/4"	<i>SSA2</i> α	11/4"	2"	SSE2 a	1"	1½"
WATSON BOWMAN ACME	WABO STRIP SEAL	M, R, P	23/4"	3¼"	Α	11/4"	2"	E	1½"	1½"
R.J. WATSON, INC.	RJ STRIP SEAL	RJM	23/4"	3¼"	RJA	11/4"	2"	RJE	11/4"	1½"
FYFE CO. LLC	TYFO STRIP SEAL	С	2½"	3"	Α	13/8"	2"	Ē	13/8"	13/8"

α TRIM VERTICAL LEG OF SSCM2 SHAPE FOR USE IN TRAFFIC BARRIER





SECTION FOR STRIP SEAL SINGLE SLOPE BARRIER NOTE: DESIGNER TO USE APPROPRIATE DETAILS FROM THIS SHEET AND CONSULT WITH EXPANSION JOINT SPECIALIST FOR LATEST PLAN SHEET LAYOUT, NOTES, AND UP-TO-DATE DETAILS.

#### STRIP SEAL NOTES:

- 1. DESIGNER SHALL INCLUDE APPROPRIATE DETAILS AND TABLES IN THE PLANS.
- 2. SEE BDM SECTION 9.1.4B AND DESIGN EXAMPLE FOR STRIP SEAL DESIGN AND FOR DETERMINING OPENING "G" NORMAL TO THE JOINT. FILL IN AMOUNTS CALCULATED AND STEEL SHAPES SELECTED.
- 3. FOR SKEW ANGLE GREATER THAN 30° SEE JOINT SPECIALIST.
- 4. SEE JOINT SPECIALIST PRIOR TO SPECIFYING A 5" MOTION RANGE STRIP SEAL.
- 5. A GROUP 1 STRIP SEAL DOES NOT ALLOW FULL CLOSURE OF STEEL SHAPES. A GROUP 2 STRIP SEAL ALLOWS FULL CLOSURE OF STEEL SHAPES.
- 6. DO NOT USE STEEL SHAPES WITH HORIZONTAL LEGS IN CURB OR BARRIER REGION.

#### 2" MOTION RANGE

** GROUP	MANUFACTURER	ITEM NAME	OPENING "G" NORMAL TO JT.		MIN. INSTALLATION WIDTH NORMAL		PENING "	
			MIN.	MIN. MAX. TO JOI		@40°F	@64°F	@80°F
1	D. S. BROWN	DSB STRIP SEAL A2R-400	1/2"	4½"	1½"			
2	WATSON BOWMAN ACME	WABO STRIP SEAL SE-300	0"	3"	1½"			
2	R.J. WATSON, INC.	R.J. STRIP SEAL 200	0"	2"	1½"			
1	FYFE CO. LLC	TYFO STRIP SEAL FS400	1/4"	43/4"	1½"			

## 3" MOTION RANGE

** GROUP	MANUFACTURER	ITEM NAME	OPENING "G" NORMAL TO JT.		MIN. INSTALLATION WIDTH NORMAL	OPENING "G" NORMAL TO JOINT		
			MIN.	MAX.	TO JOINT	@40°F	@64°F	@80°F
1	D. S. BROWN	DSB STRIP SEAL A2R-400	1/2"	4½"	1½"			
2	WATSON BOWMAN ACME	WABO STRIP SEAL SE-300	0"	3"	1½"			
2	R.J. WATSON, INC.	R.J. STRIP SEAL 300	0"	3"	1½"			
1	FYFE CO. LLC	TYFO STRIP SEAL FS400	1/4"	43/4"	1½"			

# 4" MOTION RANGE

** GROUP	MANUFACTURER	ITEM NAME	OPENING NORMAL TO		MIN. INSTALLATION WIDTH NORMAL		PENING " RMAL TO	-
			MIN.	MAX.	TO JOINT	@40°F	@64°F	@80°F
1	D. S. BROWN	DSB STRIP SEAL A2R-400	1/2"	4½"	1½"			
2	WATSON BOWMAN ACME	WABO STRIP SEAL SE-400	0"	4"	1½"			
2	R.J. WATSON, INC.	R.J. STRIP SEAL 400	0"	4"	1½"			
1	FYFE CO. LLC	TYFO STRIP SEAL FS400	1/4"	43/4"	1½"			

#### 5" MOTION RANGE

** GROUP	MANUFACTURER	ITEM NAME	OPENING "G" NORMAL TO JT.		MIN. INSTALLATION WIDTH NORMAL		PENING ' RMAL TO	
			MIN.	MAX.	TO JOINT	@40°F	@64°F	@80°F
2	D. S. BROWN	DSB STRIP SEAL L2-500	0"	5"	1½"			
2	WATSON BOWMAN ACME	WABO STRIP SEAL SE-500	0"	5"	1½"			
1	R.J. WATSON, INC.	R.J. STRIP SEAL 500	1/2"	5"	1½"			
1	FYFE CO. LLC	TYFO STRIP SEAL FS500	1/4"	5½"	1½"			

\*\* GROUP COLUMN NOT TO BE SHOWN IN CONTRACT PLANS. FOR DESIGN PURPOSES ONLY.

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0	Supervisor					REGION NO.	STATE	FED, AID PROJ, NO,	SHEET NO.	TOTAL SHEETS	
۲.	Designed By										
	Checked By					10	WASH.				
	Detailed By					TOPA	JUMBER				
υ	Bridge Projects Engr.					JOBI	NOMBER				
	Prelim. Plan By										
	Architect/Specialist	DATE	PB/ISION	BV	VDDiD				ĺ	1	ĺ

BRIDGE AND **STRUCTURES** OFFICE



9.1-A2